

Table 2.2-4
RAO 1 PRG Derivation
 Portland Harbor Superfund Site
 Portland, Oregon

COCs	Units	RAO 1 Reduce cancer risk and noncancer hazards to people from incidental ingestion of and dermal contact with contaminated sediments and riverbank soils by reducing the concentrations of COCs in sediment at the site to acceptable concentrations for subsistence, occupational, recreational, and ceremonial uses.									
		Beach Sediment					Sediment				
		Risk-based PRG (10 ⁻⁶)	Risk-based PRG (HQ=1)	ARAR	Background	PRG	Risk-based PRG (10 ⁻⁶)	Risk-based PRG (HQ=1)	ARAR	Background	PRG
Arsenic	mg/kg	0.4	37	NA	3	3	1	435	NA	3	3
Dioxins/Furans (2,3,7,8-TCDD Eq)	µg/kg	--	--	--	--	--	0.01	1.0	NA	--	0.01
PCBs	µg/kg	--	--	--	--	--	370	14,760	NA	6	370
cPAHs (BaP Eq)	µg/kg	12	--	NA	12	12	106	--	NA	12	106

Notes:

- ARAR - Applicable or relevant and appropriate requirement
- NA - Not applicable
- PRG - Preliminary Remediation Goal
- RAO - Remedial Action Objective
- HQ - Hazard Quotient